

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049020.D
 Acq On : 11 Jun 2022 00:31
 Operator : SY/MD
 Sample : N3291-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DS9

Quant Time: Jun 11 02:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

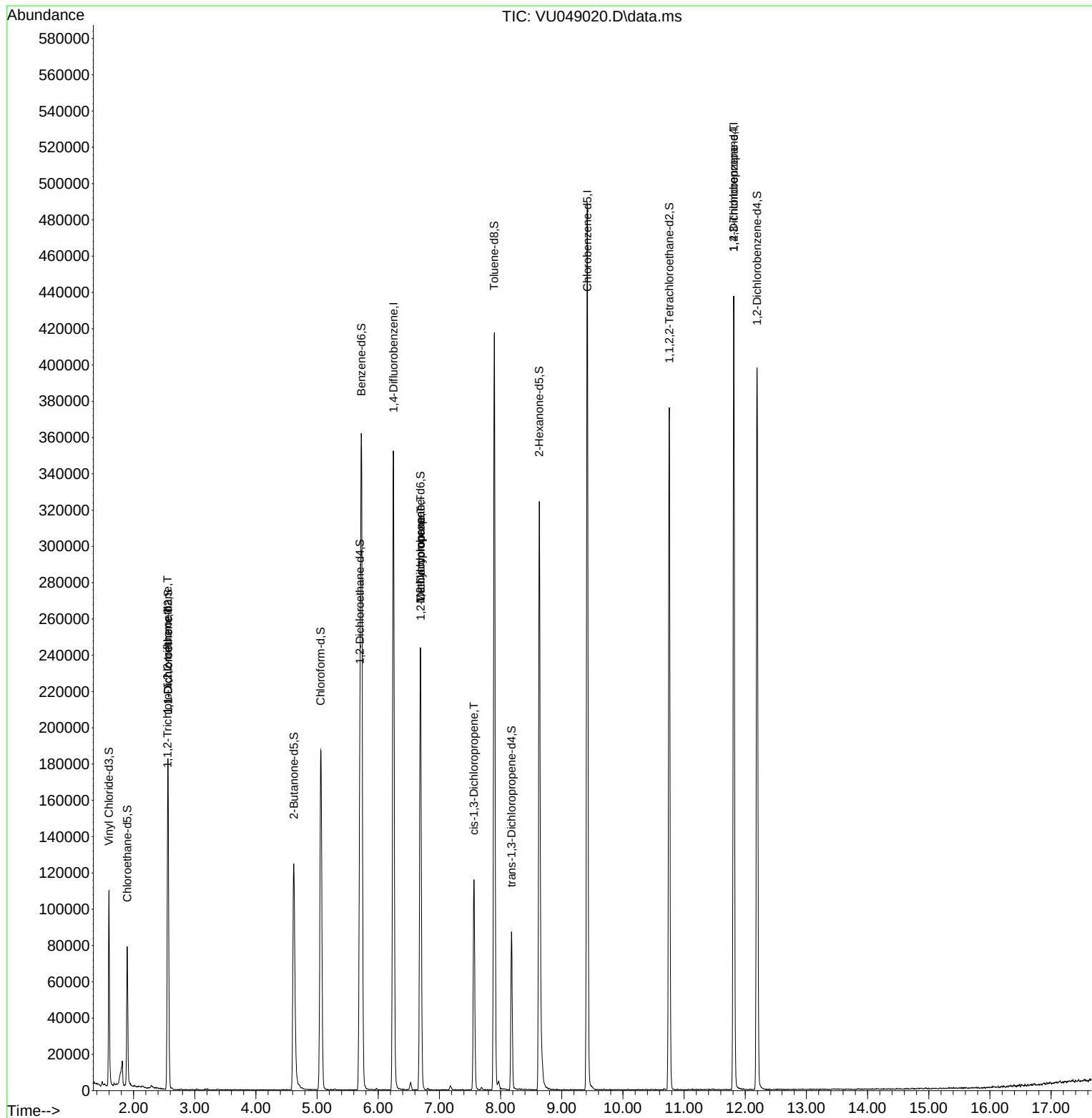
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	282323	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76371	43.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.820%
7) Chloroethane-d5	1.896	69	56482	44.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.460%
11) 1,1-Dichloroethene-d2	2.562	63	108048	32.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.840%
21) 2-Butanone-d5	4.620	46	181882	95.381	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	5.060	84	178652	48.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
26) 1,2-Dichloroethane-d4	5.700	65	122990	51.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
32) Benzene-d6	5.726	84	332762	49.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.940%
36) 1,2-Dichloropropane-d6	6.690	67	118285	52.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	7.896	98	273931	46.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	8.179	79	48110	45.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.360%
47) 2-Hexanone-d5	8.632	63	100317	85.626	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182625	48.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	111002	54.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	954	0.480	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	908	0.522	ug/L #	1
35) Methylcyclohexane	6.690	83	25186	8.228	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	12134	4.946	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2750	0.762	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	12562	4.218	ug/L #	67

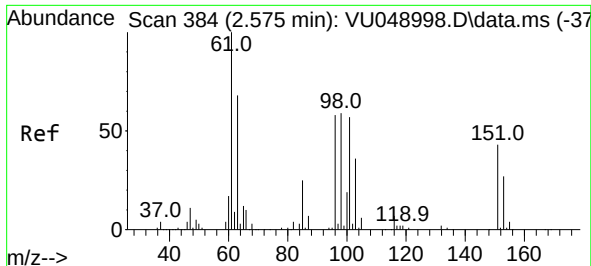
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 10 22:44:31 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.480 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU049020.D

Acq: 11 Jun 2022 00:31

Instrument :

MSVOA_U

ClientSampleId :

C0DS9

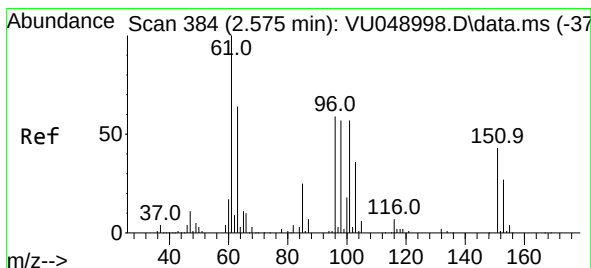
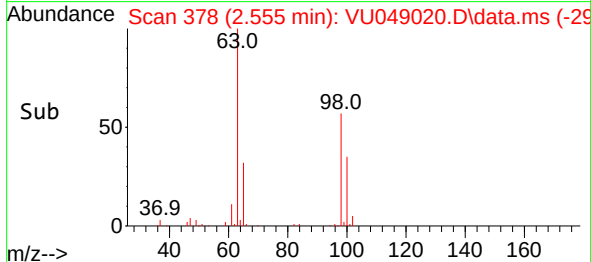
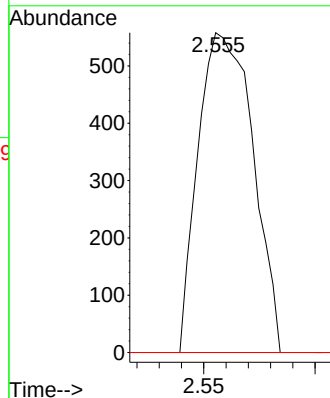
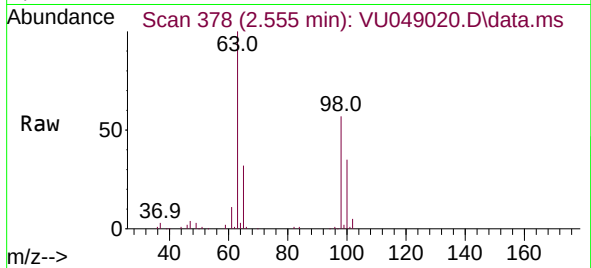
Tgt Ion:101 Resp: 954

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.522 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU049020.D

Acq: 11 Jun 2022 00:31

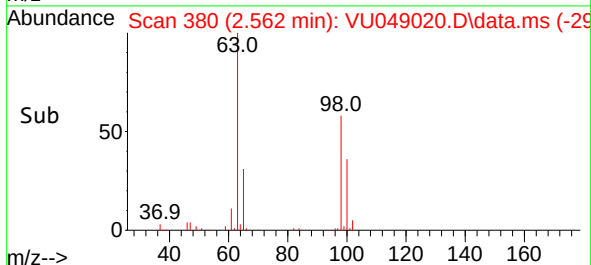
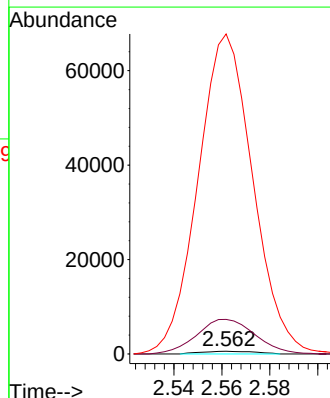
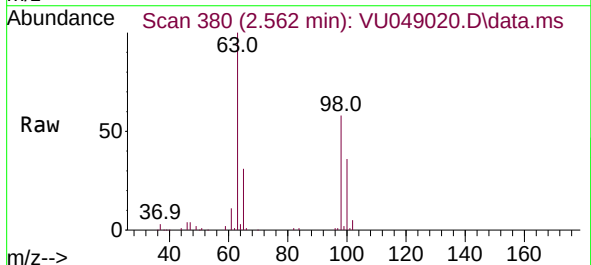
Tgt Ion: 96 Resp: 908

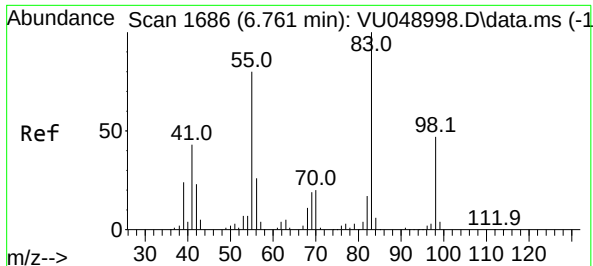
Ion Ratio Lower Upper

96 100

61 1250.0 123.5 229.3#

63 11565.9 86.0 159.8#





#35

Methylcyclohexane

Concen: 8.228 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049020.D

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Instrument :

MSVOA_U

ClientSampleId :

C0DS9

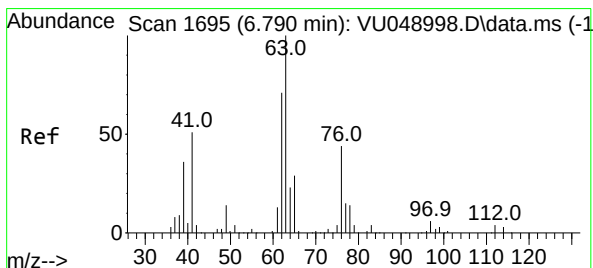
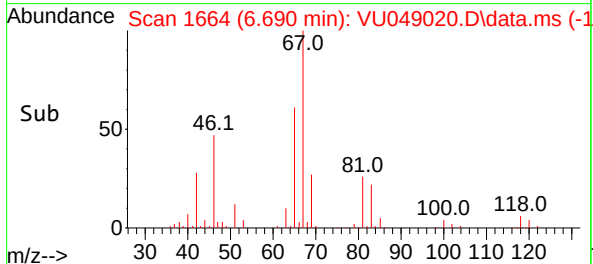
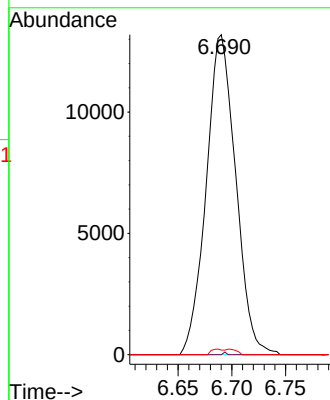
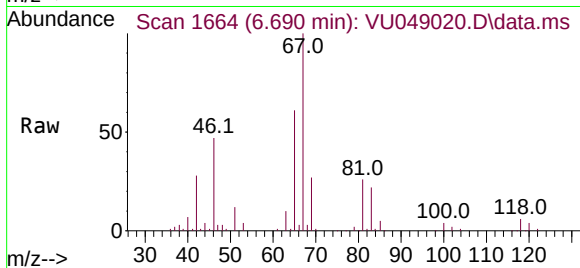
Tgt Ion: 83 Resp: 25186

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.8 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 4.946 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU049020.D

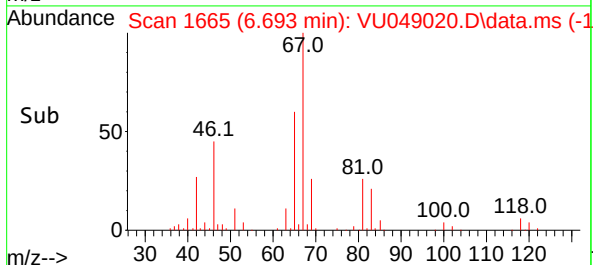
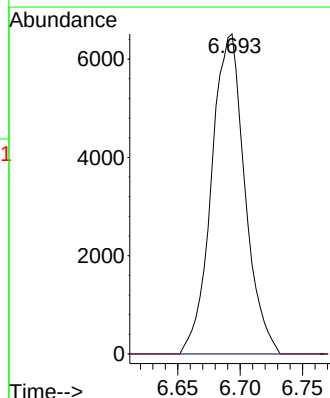
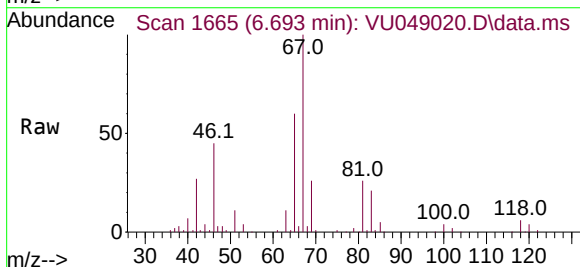
Acq: 11 Jun 2022 00:31

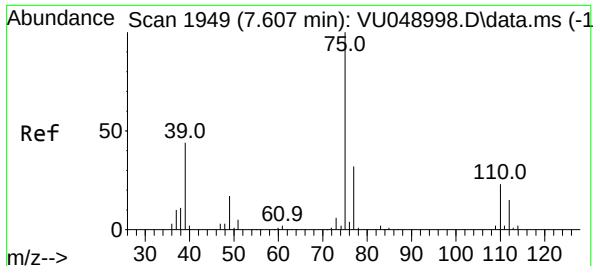
Tgt Ion: 63 Resp: 12134

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.762 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049020.D

Acq: 11 Jun 2022 00:31

Instrument :

MSVOA_U

ClientSampleId :

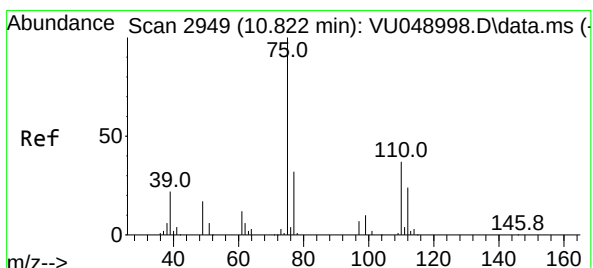
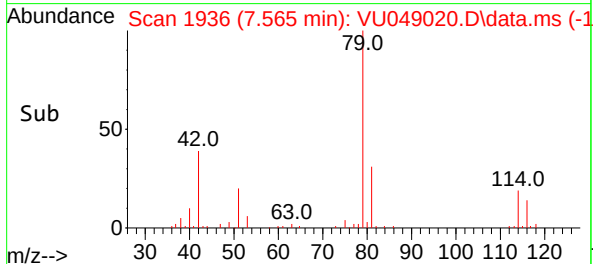
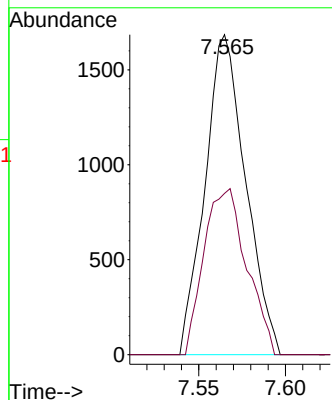
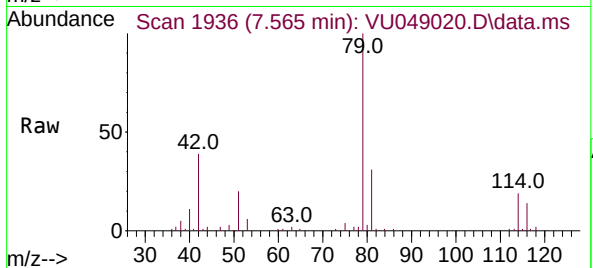
C0DS9

Tgt Ion: 75 Resp: 2750

Ion Ratio Lower Upper

75 100

77 50.4 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.218 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049020.D

Acq: 11 Jun 2022 00:31

Tgt Ion: 75 Resp: 12562

Ion Ratio Lower Upper

75 100

77 35.4 26.6 40.0

110 2.4 30.2 45.4#

